Calcitonin Gene Related Peptide (CGRP) (8-37) Human peptide

Catalog Number: 06-271-83138

Related Product Names:
- Calcitonin Gene Related Peptide (CGRP) (8-37) Human peptide; Calcitonin Gene Related Peptide (CGRP) (8-37) Human
- CGRP; Calcitonin gene-related peptide (CGRP); Calcitonin gene-related peptide

-Gene Information-
Information in yellow represents specific gene information and does not necessarily represent specific product details. For more information please contact sales@genwaybio.com.

<table>
<thead>
<tr>
<th>Gene Name</th>
<th>Gene Name Synonym</th>
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<tbody>
<tr>
<td>N/A</td>
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<table>
<thead>
<tr>
<th>Gi #</th>
<th>NCBI Acc #</th>
<th>Swiss Prot Acc #</th>
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<td>399232</td>
<td>P31888</td>
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<thead>
<tr>
<th>Length (aa)</th>
<th>Mol. Weight (Da)</th>
<th>Chrom Location</th>
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<tbody>
<tr>
<td>37</td>
<td>3887</td>
<td>N/A</td>
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</tbody>
</table>

Linear Protein Map (sequence source from above GI#)

Sequence (One Letter Code): VTHRLAGLSSRSGGVKNVFPTNVGSKAF-NH

Sequence: {VAL} {THR} {HIS} {ARG} {LEU} {ALA} {GLY} {LEU} {LEU} {SER} {ARG} {SER} {GLY} {GLY} {VAL} {VAL} {LYS} {ASN} {ASN} {PHE} {VAL} {PRO} {THR} {ASN} {VAL} {GLY} {SER} {LYS} {ALa} {PHE}-NH2

C Terminal: NH2

Formula: C139H230N44O38

Solubility: Soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weight out a smaller portion of the contents.

Purity/Purification: > 95%

Crossreactivity: Human

Storage: 4 degree C for short term (weeks) and -20 degree C for long term.

Stability: 6-12 months at -20 degree C.

Shipping: Products may be shipped on ice pack or dry ice.

TESTING: (secondary reagents and protocols)
Not Available

CALCITONIN GENE RELATED PEPTIDE (CGRP) (8-37) HUMAN PEPTIDE TARGET DESCRIPTION:

Synonym Names for Calcitonin Gene Related Peptide (CGRP) (8-37) Human peptide: N/A; CGRP; Calcitonin gene-related peptide (CGRP); Calcitonin gene-related peptide
Calcitonin Gene Related Peptide (CGRP)(8-37) inhibits the evoked discharge frequency of wide dynamic range neurons in dorsal horn of the spinal cord in rats. The present study was performed to explore the effect of CGRP(8-37) on the electrical stimulation-evoked discharge frequency of wide dynamic range (WDR) neurons in the dorsal horn of the spinal cord in rats. CGRP(8-37) was applied directly on the dorsal surface of the L3 to L5 spinal cord. The results indicate that CGRP receptors play an important role in the transmission of presumed nociceptive information in the dorsal horn of the spinal cord.

**Function:** CGRP induces vasodilation. It dilates a variety of vessels including the coronary, cerebral and systemic vasculature. Its abundance in the CNS also points toward a neurotransmitter or neuromodulator role.

**Similarity:** Belongs to the calcitonin family.

Calcitonin Gene Related Peptide (CGRP) (8-37) Human reacts with human.

**BACKGROUND REFERENCES for CALCITONIN GENE RELATED PEPTIDE (CGRP) (8-37) HUMAN PEPTIDE:**

Background references for antibody target are not specific to GenWay products


**Order Confirmation:** Sales order confirmations are sent out upon the receipt of all orders. Please contact GenWay if you do not receive a confirmation within 1 business day of submitting your order.

**Precautions:** Calcitonin Gene Related Peptide (CGRP) (8-37) Human peptide is for in vitro research use only. Not for use in diagnostics or therapeutic procedures.

**Important Notes:** During shipment, small volumes of Calcitonin Gene Related Peptide (CGRP) (8-37) Human peptide vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container’s cap. Actual concentration, volume and quantity will be printed on the vial’s label. Please refer to the vials label for this information.

**Copyright:** This GenWay TDS is copyrighted. This datasheet is produced based partially on data from Swiss-Prot/TrEMBL and NCBI. To better serve our clients with everything we know about Calcitonin Gene Related Peptide (CGRP) (8-37) Human peptide, all related information, articles, resources about Calcitonin Gene Related Peptide (CGRP) (8-37) Human peptide are being stored on our online database. Let us know if you have questions regarding this product.

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